

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Sun-jung Lee, *et al.*  
Filing Date: Herewith  
Title: APPARATUS AND METHOD FOR ELECTROPOLISHING A METAL  
WIRING LAYER ON A SEMICONDUCTOR DEVICE

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.10

"Express Mail" Mailing Label Number EV322657640US I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated below and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

3-31-04

Date



Christopher Hren

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

under 37 C.F.R. 1.129(a), or  
(First/Second submission after Final Rejection)

under 37 C.F.R. 1.97(b), or  
(Within three months of filing national application other than a CPA under §1.53(d); or within three months of date of entry of the national stage in international application; or before mailing date of first Office Action on the merits; or before mailing date of first Office Action after filing RCE under §1.114, whichever occurs last)

under 37 C.F.R. 1.97(c) together with either:

a Statement under 37 C.F.R. 1.97(e), as checked below, or

the \$180.00 fee under 37 C.F.R. 1.17(p), or  
(After the 37 C.F.R. 1.97(b) time period, but before final action or notice of allowance, or other action which closes prosecution, whichever occurs first)

under 37 C.F.R. 1.97(d) together with:

a Statement under 37 C.F.R. 1.97(e), as checked below, and

the \$180.00 petition fee set forth in 37 C.F.R. 1.17(p).  
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Statement Under 37 C.F.R. 1.97(e)

Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign application or, to the knowledge of the undersigned, after making reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Enclosed herewith is form PTO-1449:

Copies of cited references are enclosed.

Copies of cited references are enclosed except those entered in prior application, U.S. Serial No. \_\_\_\_\_, and references that are not required to be submitted under 37 C.F.R. 1.98.

The listed references were cited in a counterpart foreign application.

Concise Explanation Requirement (non-English references):

The "concise explanation" requirement under 36 C.F.R. 1.98(a)(3)(i) for references AL is satisfied by:

the explanation provided on the attached sheet.

the explanation provided in the Specification.

abstract.

It is requested the information disclosed herein be made of record in this application.

Applicant(s): Sun-jung Lee, *et al.*

Method of payment:

Enclosed is a check in the amount of \_\_\_\_\_.

Please charge Deposit Account of 50-1798 in the amount of \_\_\_\_\_.

Two duplicate copies of this Statement are enclosed.

Please charge any deficiency in fees and credit any overpayment to Deposit Account No. 50-1798.

Respectfully submitted,

Date: March 31, 2004  
Mills & Onello, LLP  
Eleven Beacon Street, Suite 605  
Boston, Massachusetts 02108  
Telephone: (617) 994-4900  
Facsimile: (617) 742-7774  
J:\SAM\0527\IDSform.wpd

  
\_\_\_\_\_  
Anthony P. Onello, Jr.  
Registration Number 38,572  
Attorney for Applicants

Subst. Form PTO-1449

Docket Number (Optional)

SAM-0527

Application Number

Not yet assigned

Applicant

Sun-jung Lee, et al.

Filing Date

Herewith

Group Art Unit

Not yet assigned

(Use several sheets if necessary)

## U. S. Patent Documents

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	6,176,992	1/23/01	Talieh	205	87	12/1/98
	AB	5,677,218	10/14/97	Tseng	437	45	9/11/96
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation
							YES
	AL	2000-315661	11/14/00	Japan	H01L	21/28	X
	AM						
	AN						
	AO						
	AP						
	AQ						

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	
AS	
AT	

EXAMINER DATE CONSIDERED

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy with next communication to applicant.